

FIG. 1

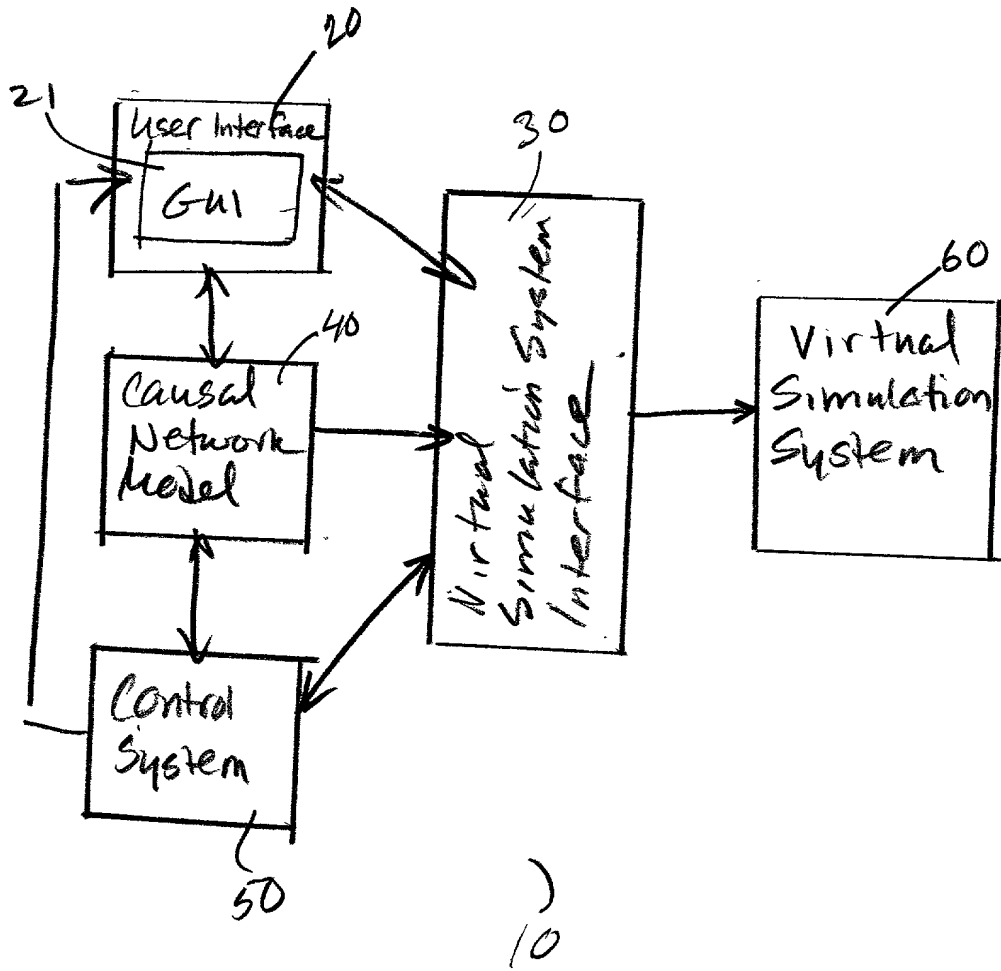
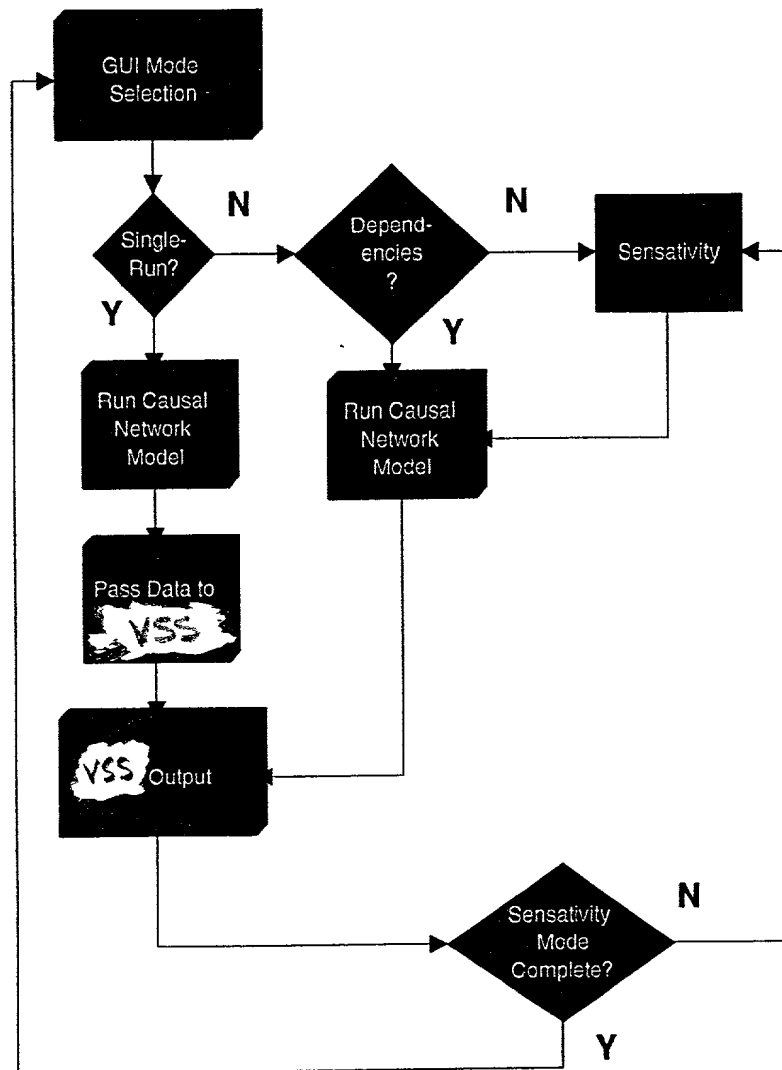


FIG. 2



LSI

VSS = Virtual simulation system
gui = graphics user interface

FIG. 3

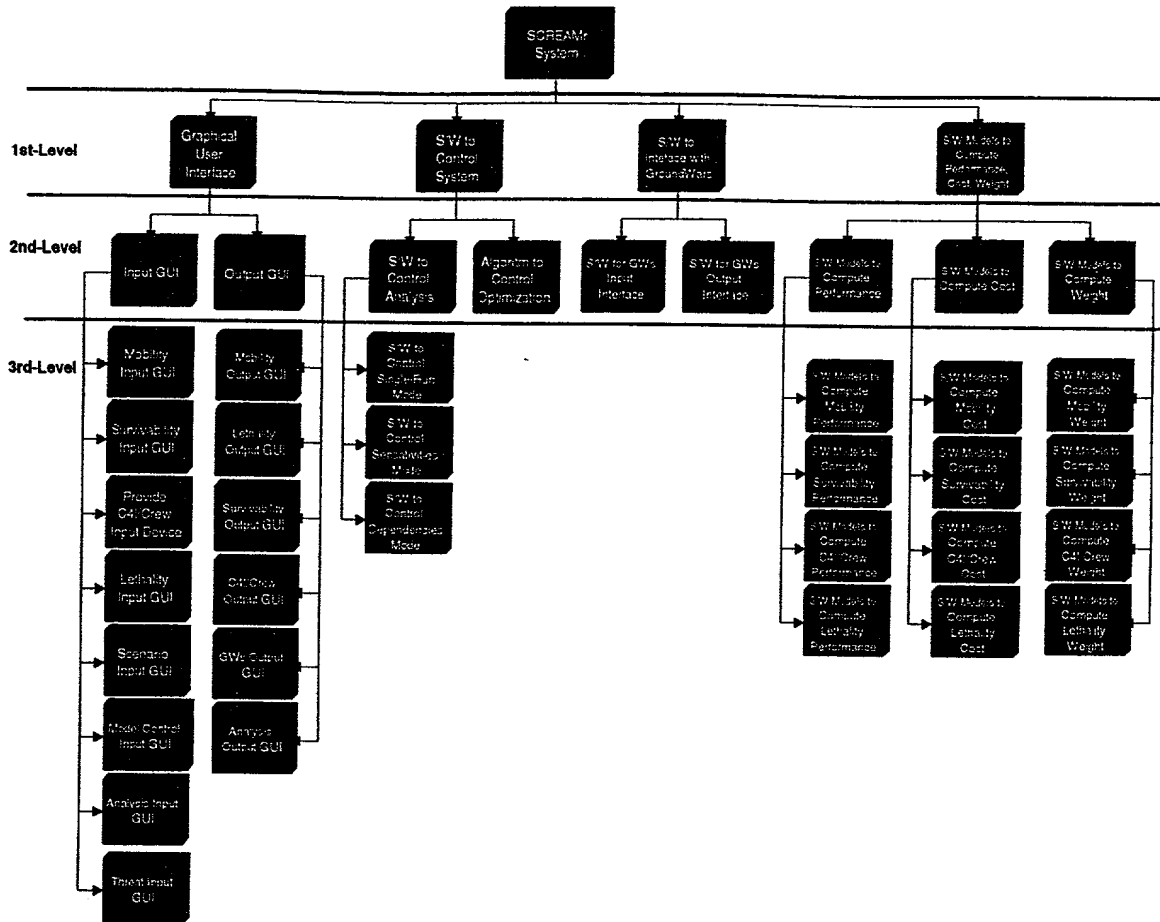


FIG. 4

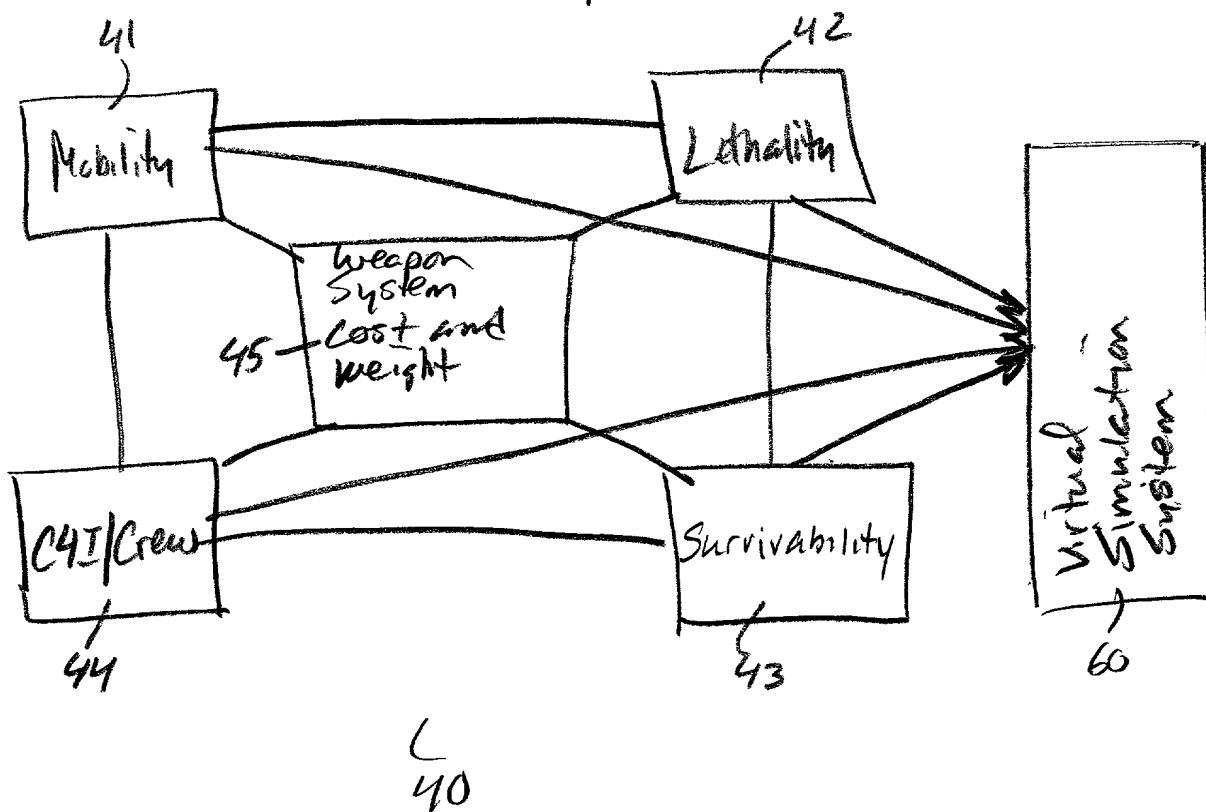


FIG. 5

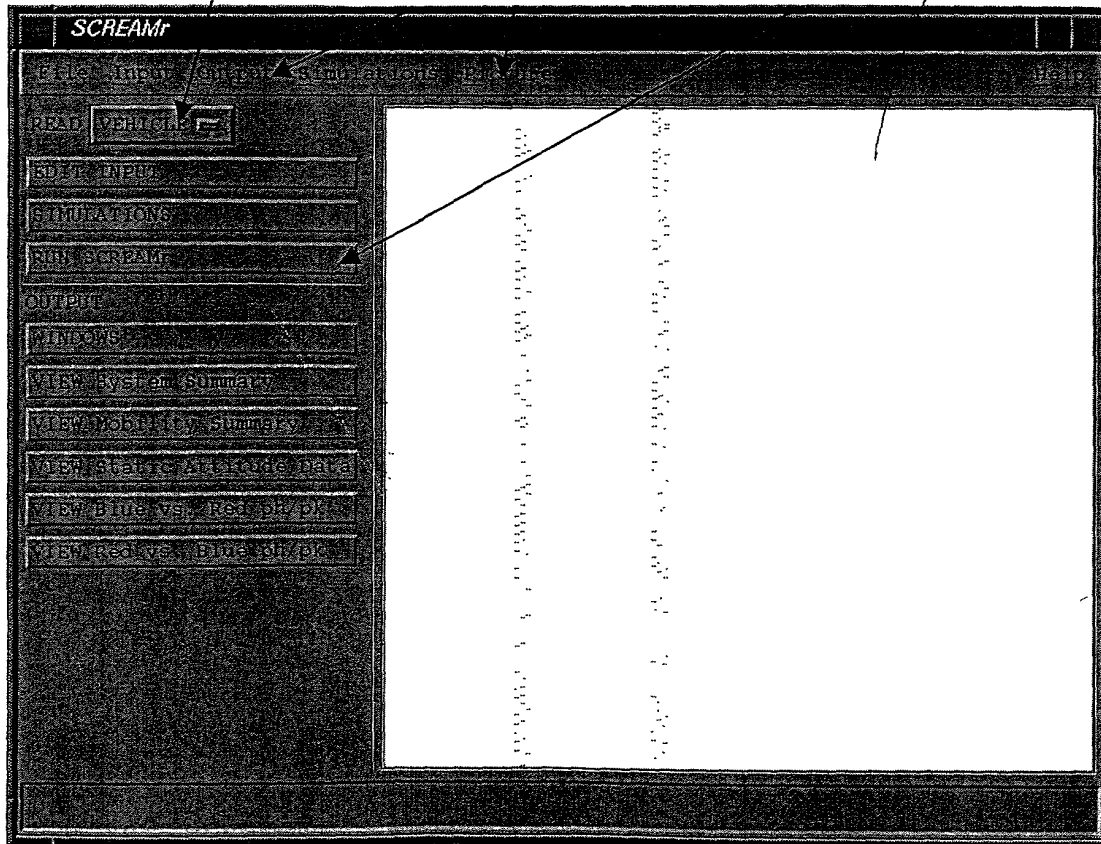


FIG. 6

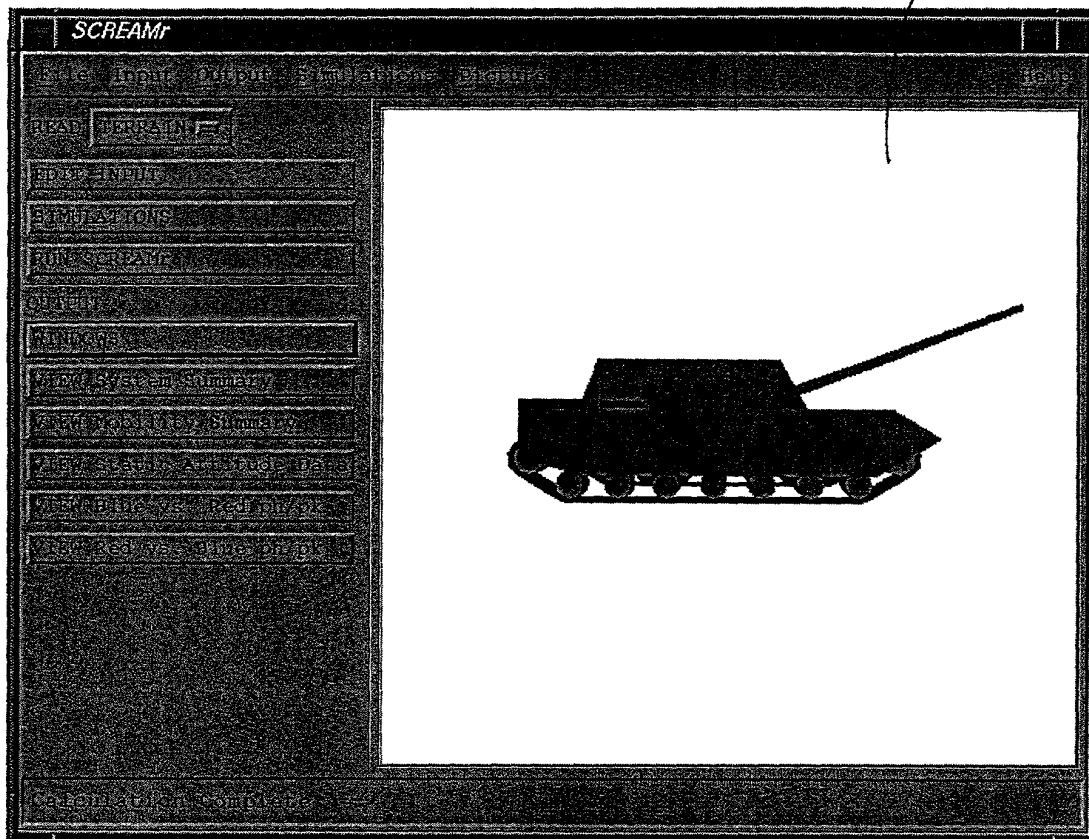


FIG. 7

Powertrain Input

POWERTRAIN

Powerplant Type	<input type="text" value="Diesel"/>	<input type="button" value="v"/>
Transmission Type	<input type="text" value="Mechanical"/>	<input type="button" value="v"/>
Engine Power	<input type="text" value="830.0000"/>	<input type="text" value="horsepower"/> <input type="button" value="v"/>
Fuel Tank Volume	<input type="text" value="260.2000"/>	<input type="text" value="gallons"/> <input type="button" value="v"/>

ADVANCED POWERTRAIN OPTIONS

FIG. 8

Hull Input	
HULL	
Mobility Type	Tracked <input type="checkbox"/>
Crew in Hull - forward	2
Crew in Hull - middle	0
Crew in Hull - rear	0
Crew in Turret - High	0
Crew in Turret - Low	0
Engine Location	Rear <input type="checkbox"/>
Turret Location	Middle <input type="checkbox"/>
Ready Magazine WRT Deck	Below <input type="checkbox"/>
Missile Location	Middle <input type="checkbox"/>

FIG. 9

Mobility Output	
MOBILITY	
Track Width (mm)	532.012
Track Length on Ground (mm)	4866.490
Max Cross Country Speed (m/s)	12.722

FIG. 10

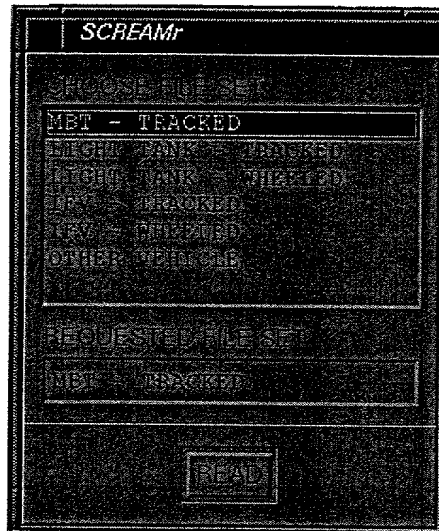


FIG. 11

Groundwars Scenario Input

SCENARIO

☐ Run Groundwars

Number of Friendly Vehicles

Number of Enemy Vehicles

Max. Number of Iterations

Statistical Confidence (%)

Statistical Width

Combat Situation

FIG. 12

Groundwars Output			
GROUNDWARS SUMMARY			
Blue Vehicles	1,000	Red Vehicles	3,000
Blue Vehicles Killed	3,372	Red Vehicles Killed	5,669
Force Exchange Ratio	0.841	Loss Exchange Ratio	1.682

FIG. 13

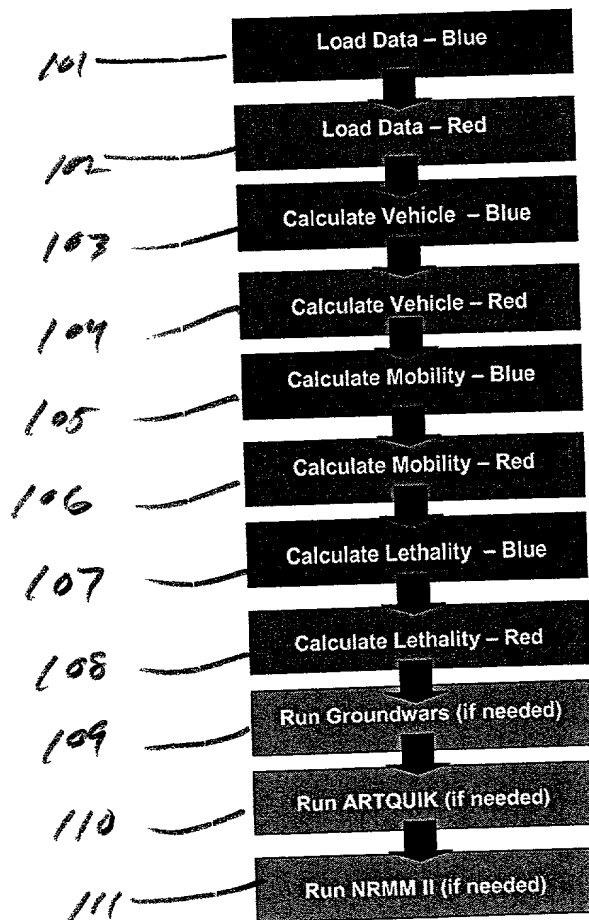


FIG. 14

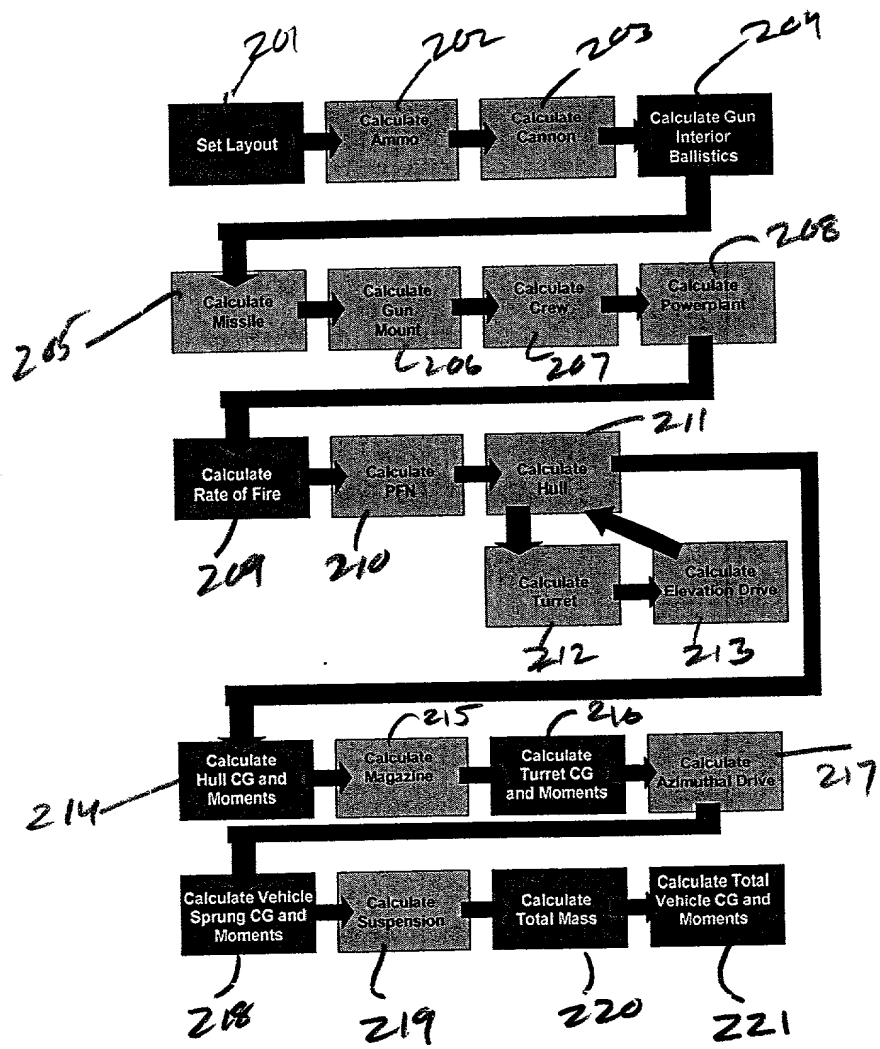


FIG. 15

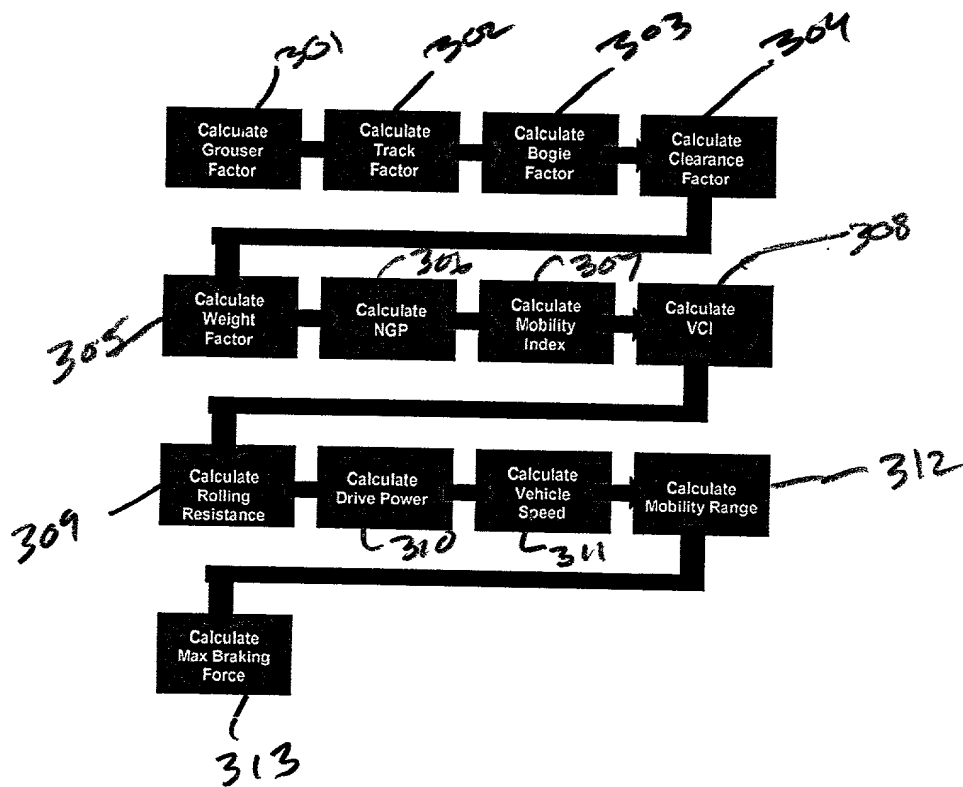
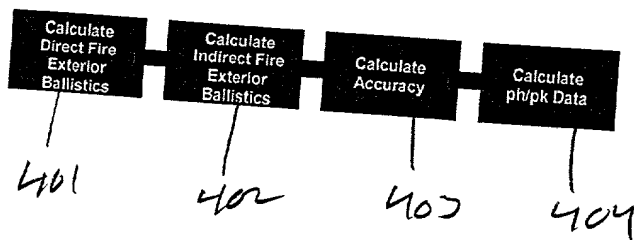


FIG. 16



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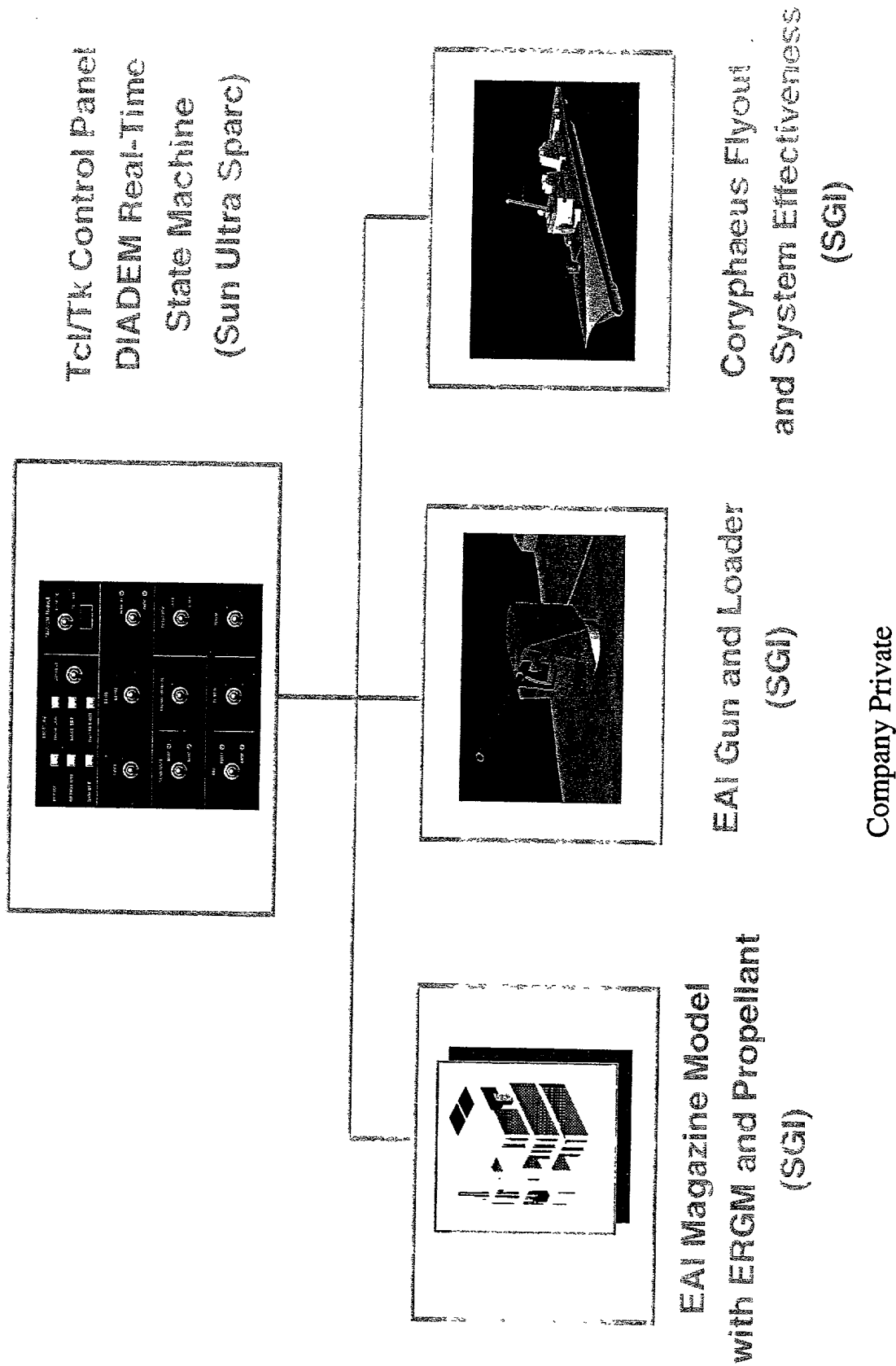
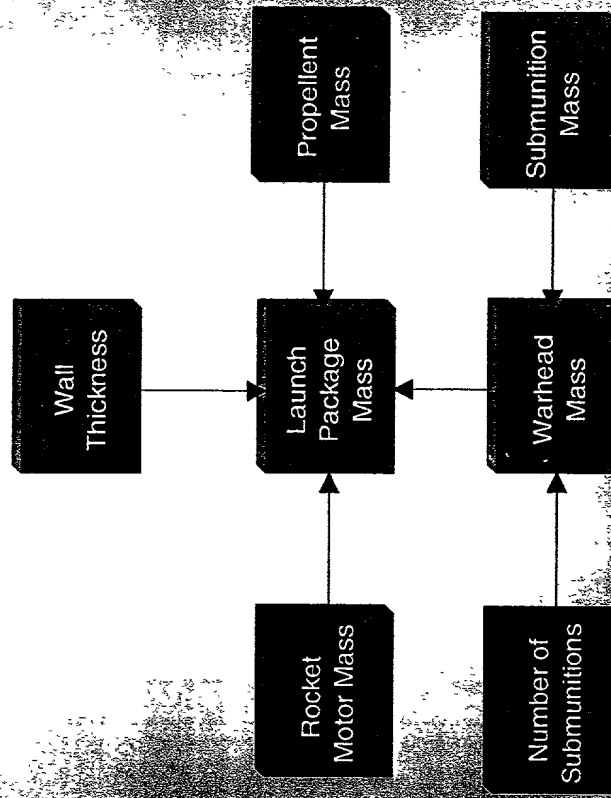


FIG. 18

Launch Package Mass CN



Muzzle Velocity CN

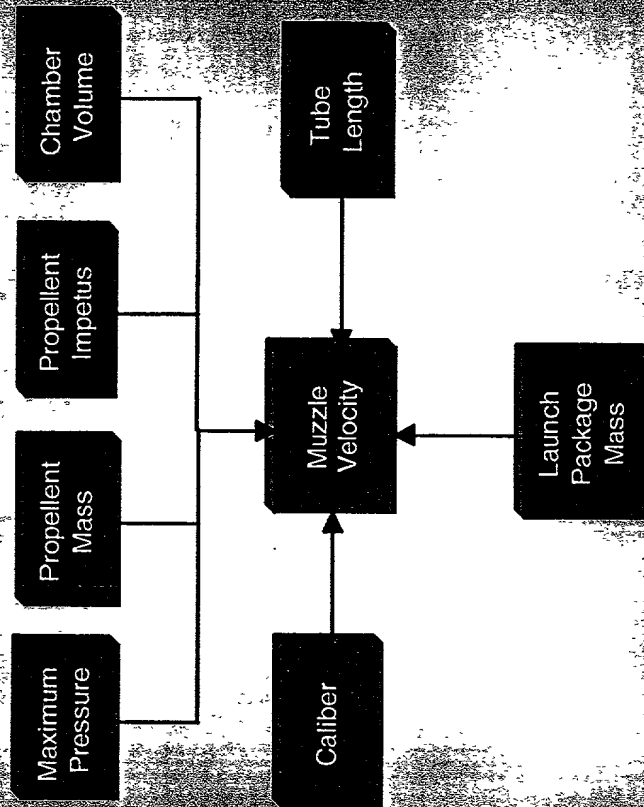


FIG. 19

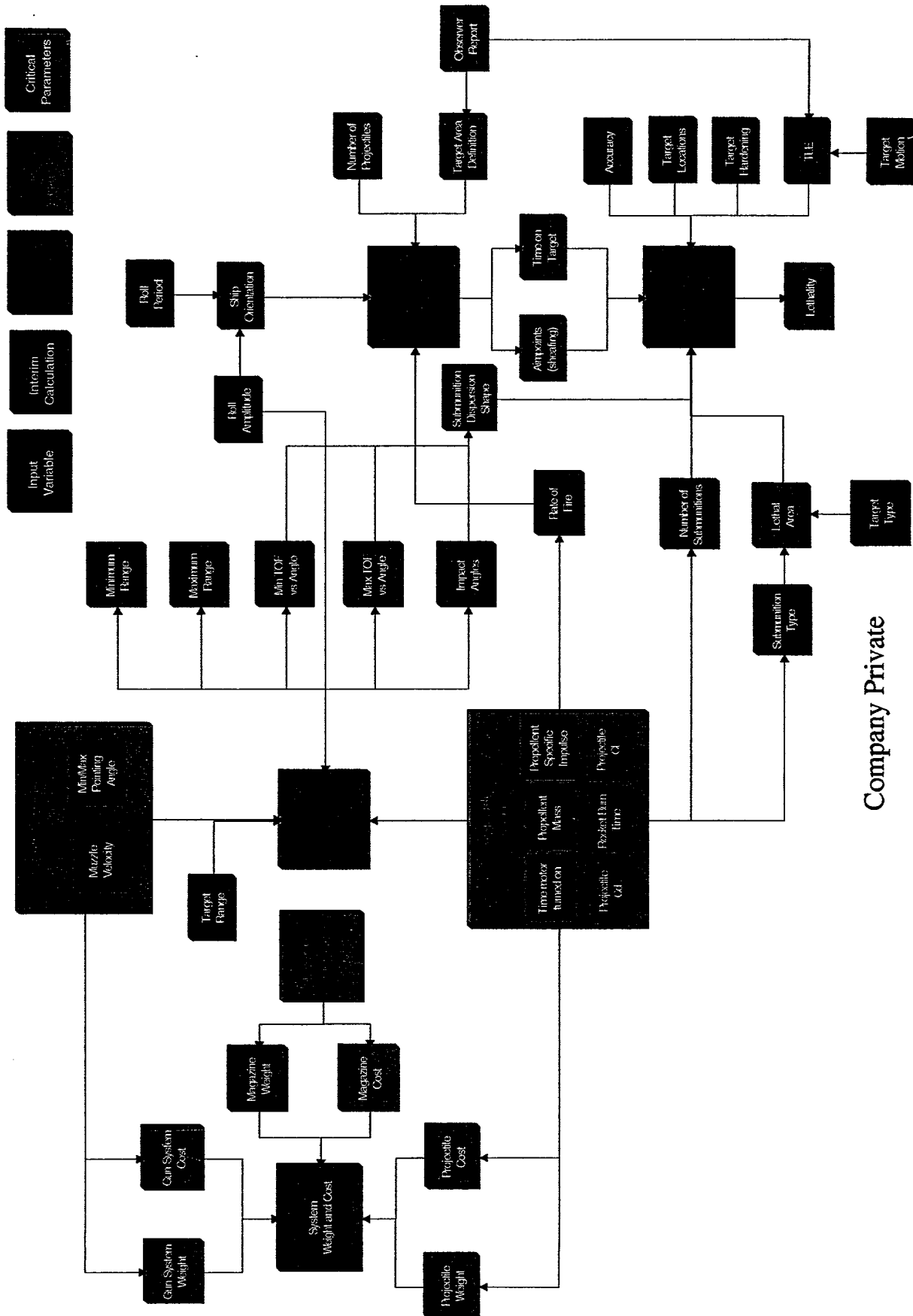


FIG. 20

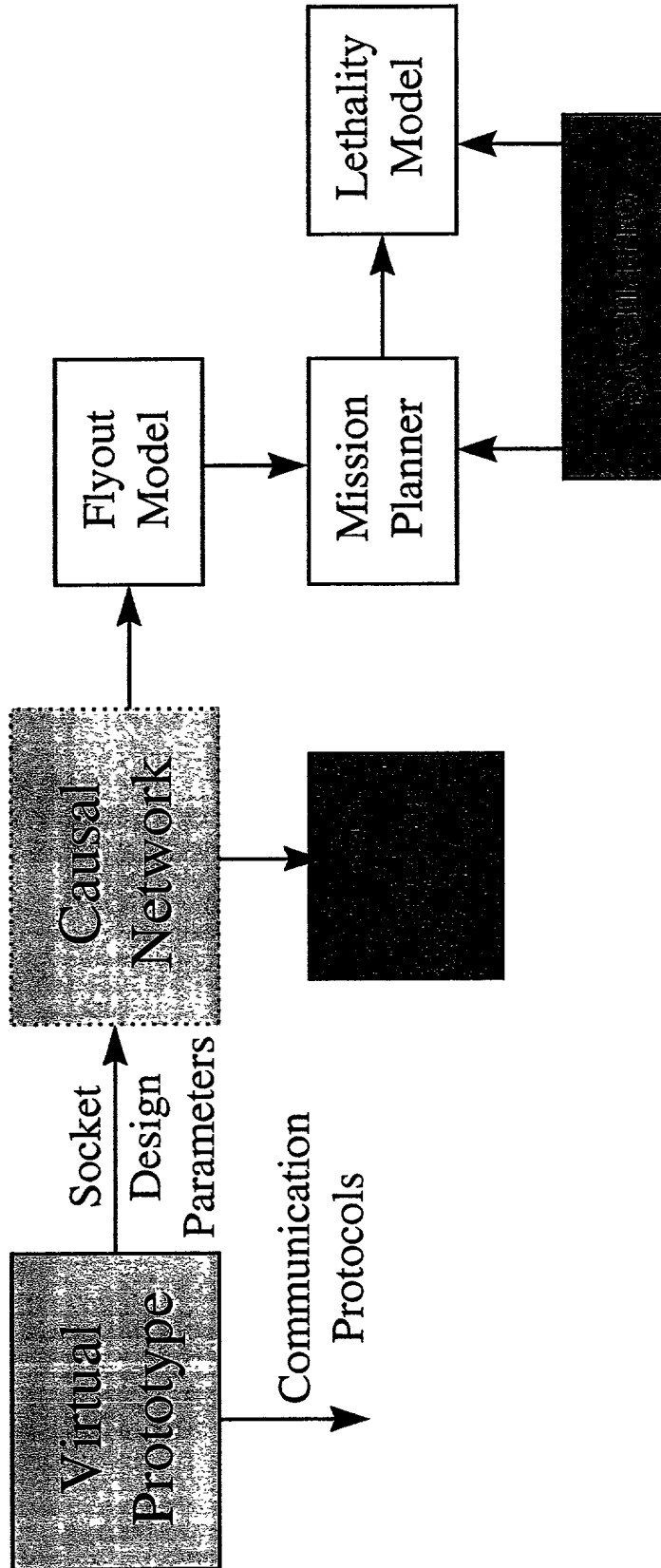


FIG. 21

